UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/724,728	12/02/2003	Terry M. Martin	200209048-1	2184

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EXAMINER
. NGUYEN, PHILLIP H

ART UNIT	PAPER NUMBER
2191	

DATE MAILED: 11/30/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	Applicant(s)
Office Action Summary	10/724,728	MARTIN ET AL.
	Examiner	**Art Unit**	
	Phillip H. Nguyen	2191	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on <u>26 September 2006</u>.

2a)☐ This action is **FINAL**.   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) <u>1-31</u> is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) <u>1-31</u> is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☒ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All   b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☐ Notice of References Cited (PTO-892)	4) ☐ Interview Summary (PTO-413)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)	Paper No(s)/Mail Date. _____ .
3) ☐ Information Disclosure Statement(s) (PTO/SB/08)	5) ☐ Notice of Informal Patent Application
Paper No(s)/Mail Date _____ .	6) ☐ Other: _____ .

1.   This action is in response to the amendment filed on September 26, 2006.

2.   Per Applicant's request, claims 1, 11-13, 23-25, and 31 have been amended.

3.   Claims 1-31 remain pending.

Claim Rejections - 35 USC § 101

4.   35 U.S.C. 101 reads as follows:

> Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

Claims 13-24 are rejected under 35 U.S.C. 101 because the claimed invention is directed to non-statutory subject matter. These claims are directed to a computer readable medium, which is disclosed as network communication such as hardwired, wireless, or a combination of hardwired or wireless. The specification provides intrinsic evidence the computer readable medium is intended to cover hardwired, wireless, or a combination of hardwired or wireless (in paragraph 0018). Such are currently not believed to enable the computer readable medium to act as a computer hardware component and realized its functionality absent being claimed in combination with the necessary hardware component to receive and convert the hardwired, wireless, or a combination of hardwired or wireless to computer useable code.

Claim Rejections - 35 USC § 102

1.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2.   Claim 1-7, 10-19, 22-24, 25-31 a re rejected under 35 U.S.C. 102(b) as being

anticipated by Briscoe et al (5,920,870).

As per claim 1:

Briscoe discloses a method of mapping and displaying process objects at

different levels of abstraction, comprising:

a. Correlating business level objects to application level objects ("**The**

multi-layer abstraction bucket mechanism of the present invention includes

a plurality of hierarchically connected abstraction layers" Col 2, line 62-63;

also see FIG. 1 and FIG. 2);

b. Associating and storing source data with indications for both the

business level objects and the application level objects ("**each abstract layer**

includes a methods object for storing methods for operating on data and

performing corresponding operations on data received from a data bucket

of a hierarchically next lower abstraction layer" Col 2, Line 64-67);

c. Displaying the stored data associated with both business level objects

and the application level objects (**FIG. 4, and text, which further expand their**

features Col 11, line 60-67; Col 12, line 1-43);

d. Wherein the business level objects and the application level objects are

respectively stored as a plurality of nodes at different levels of abstraction (**see**

for example, FIGS. 1- 2, and text, which further expand their features Col 4-

10; for instance, "Application Program 12 may include Patient Services

Application 12A...Patient Services Applications 12A may include such

applications as Patient information Application 16A, Provider Applications

(Provider) 16B..." Col 4, line 34-67; each of these applications in the

Application Program 12 presents a node), with correlations between the

application level objects and the business level objects being accomplished by

linking one or more nodes of the application level objects to one or more nodes

of the business level objects at different levels of abstraction (see for example

FIGS 1 - 2, Buckets 40 and Bucket Data Objects 42, Consider FIG 1 is

business level object and FIG 2 is application level object); and

e. Wherein the source data is linked to one or more of the plurality of

nodes ("the multi-layer abstraction bucket mechanism includes a data

extraction layer connected from at least one data source for receiving data

from the at least one data source..." Col 3, line 12-19).

As per claim 2:

Briscoe discloses the method as in claim 1 above; and further discloses the step

of correlating business level objects to application level objects comprises:

a. Correlating objects at two or more levels of abstraction ("a plurality of

hierarchically connected abstraction layer" Col 2, line 63-64), wherein the

business level objects corresponds to one level of abstraction and the application

level objects corresponds to another level of abstraction (**FIGS 1-2, and text,**

which further expand their features).

As per claim 3:

Briscoe discloses the method as in claim 2 above; and further discloses:

    a. The application level objects are further correlated application

component level objects at another level of abstraction (**FIG. 3; Application**

Interface 56 – Application Objects 58 – Bucket Data Object 40).

As per claim 4:

Briscoe discloses the method as in claim 1 above; and further discloses:

    a. The source data comprises application related data and operational

data ("**data source containing data for providing access to the data bye the**

users and providing to the users transformations of data and of processes

performed on the data" **Col 2, Line 59-61**).

As per claim 5:

Briscoe discloses the method as in claim 4 above; and further discloses:

    a. The application related data comprises data correlated to components

of the application level objects (**see for example, FIG. 5, and text for further**

expand their features Col 12, line 44-67).

As per claim 6:

Briscoe discloses the method as in claim 5 above; and further discloses:

a. The data correlated to the application level components comprises

data collected by an application conversation tracking tool or a custom designed

instrumentation for measuring related data (**see for example, FIG. 3, items 64,**

66, 68, 70).

As per claim 7:

Briscoe discloses the method as in claim 4 above; and further discloses:

a. The operational data comprises web session data or server related

data ("**the present invention can be implemented in several forms in**

client/server systems, wherein the applications Program 12, the data and

the SQL queries reside on a client and the databases reside on a server..."

Col 6, Line 39-42).

As per claim 10:

Briscoe discloses a method as in claim 1 above; and further discloses the step of

displaying the stored data associated with both the business level objects and the

application level objects comprises:

a. Filtering and/or aggregating the stored data responsive to a user's

query ("**a SQL 54c-2 for storing the SQL query comprising the request, if the**

user provided an SQL query as a request, and a Sort Conditions 54c-3 for

storing information provided in the request regarding how the database

results are to be sorted in responding to the request" Col 9, Line 25-30).

As per claim 11:

Briscoe discloses the method as in claim 1 above; and further discloses the step

of displaying the stored data associated with both business level objects and the

application level objects comprises:

a. Automatically generating alerts or reports based on predetermined

criteria ("**Abstraction layer 130m+1 may perform an application program**

operation on the data, such as creating a spread-sheet or graph from the

data, making a financial projection, analyzing a set of medical tests to

propose a diagnosis on patient, and so on." Col 16, Line 36-40); and

b. Wherein the step of displaying the stored data associated with both

business level objects and the application level objects comprises:

i) Displaying, on a first display screen, one or more of the business

level objects as connected links (**see for example, FIGS 1-2, and text for**

further expand their features, Col 4-10; each of application objects

on FIG. 1 is represents a business level object, for instance, Buckets

40 and Bucket Data Objects 42 are two business level objects); and

ii) Displaying, as connected links on a second display screen when

one of the connected links on the first display screen is selected by a user,

one or more of the application level objects that are correlated with the

one or more of the business level objects (**see for example, FIGS 1-2,**

and text for further expand their features, Col 4-10; for instance, FIG.

2 describes a Bucket 40, such as Patient Bucket 40a, when selected

by a user from FIG. 1).

As per claim 12:

Briscoe discloses the method as in claim 11 above; and further discloses the

predetermined criteria comprise:

a. one of a number of users accessing an object at any level of

abstraction, a response time for web based interaction, or a termination of a user

session at a particular point in a web based interaction (**see for example, FIG 8,**

items Rules 142 and User 144).

b. The method further comprising:

i) It is inherent in Briscoe that displaying, as connected links on a

third display screen when on of the connected links on the second display

screen is selected by a user, one or more of a lower level of application

level objects that are correlated with the one or more of the application

level objects displayed on the second display screen **in order for the**

user to view reports, financial projections, analyzing a set of medical

tests to propose a diagnosis on a patient, graph from the data, and

so on (see for example, FIG. 8, and text for further expand their

feature, Col 16, line 32-40).

As per claim 13:

Briscoe discloses a computer readable medium having program code recorded thereon for mapping and displaying process objects at different levels of abstraction, the program code configured to cause a computing system to perform the steps comprising:

a. Correlating business level objects to application level objects ("**The multi-layer abstraction bucket mechanism of the present invention includes a plurality of hierarchically connected abstraction layers" Col 2, line 62-63; also see FIG. 1 and FIG. 2**);

b. Associating and storing source data with indications for both the business level objects and the application level objects ("**each abstract layer includes a methods object for storing methods for operating on data and performing corresponding operations on data received from a data bucket of a hierarchically next lower abstraction layer" Col 2, Line 64-67**);

c. Displaying the stored data associated with both business level objects and the application level objects (**see for example, FIG. 4, and text, which further expand their features Col 11, line 60-67; Col 12, line 1-43**);

d. Wherein the business level objects and the application level objects are respectively stored as a plurality of nodes at different levels of abstraction (**see for example, FIGS. 1- 2, and text, which further expand their features Col 4-10; for instance, "Application Program 12 may include Patient Services Application 12A...Patient Services Applications 12A may include such applications as Patient information Application 16A, Provider Applications**

(Provider) 16B..." Col 4, line 34-67; each of these applications in the

Application Program 12 presents a node), with correlations between the

application level objects and the business level objects being accomplished by

linking one or more nodes of the application level objects to one or more nodes

of the business level objects at different levels of abstraction (**see for example**

FIGS 1 - 2, Buckets 40 and Bucket Data Objects 42, Consider FIG 1 is

business level object and FIG 2 is application level object); and

e. Wherein the source data is linked to one or more of the plurality of

nodes ("**the multi-layer abstraction bucket mechanism includes a data**

extraction layer connected from at least one data source for receiving data

from the at least one data source..." Col 3, line 12-19).

<u>As per claim 14</u>:

Briscoe discloses the computer readable medium as in claim 13 above; and

further discloses the step of correlating business level objects to application level

objects comprises:

a. Correlating objects at two or more levels of abstraction ("**a plurality of**

hierarchically connected abstraction layer" Col 2, line 63-64), wherein the

business level objects corresponds to one level of abstraction and the application

level objects corresponds to another level of abstraction (**FIGS 1-2, and text,**

which further expand their features).

As per claim 15:

Briscoe discloses the computer readable medium as in claim 14 above; and

further discloses:

a. The application level objects are further correlated application

component level objects at another level of abstraction (**FIG. 3; Application**

Interface 56 – Application Objects 58 – Bucket Data Object 40).

As per claim 16:

Briscoe discloses the computer readable medium as in claim 13 above; and

further discloses:

a. The source data comprises application related data and operational

data ("**data source containing data for providing access to the data bye the**

users and providing to the users transformations of data and of processes

performed on the data" **Col 2, Line 59-61**).

As per claim 17:

Briscoe discloses the computer readable medium as in claim 16 above; and

further discloses:

a. The application related data comprises data correlated to components

of the application level objects (**see for example, FIG. 5, and text for further**

expand their features Col 12, line 44-67).

<u>As per claim 18</u>:

Briscoe discloses the computer readable medium as in claim 17 above; and

further discloses:

a. The data correlated to the application level components comprises

data collected by an application conversation tracking tool or a custom designed

instrumentation for measuring related data (**see for example, FIG. 3, items 64,**

66, 68, 70).

<u>As per claim 19</u>:

Briscoe discloses the computer readable medium as in claim 16 above; and

further discloses:

a. The operational data comprises we session data or server related data

("**the present invention can be implemented in several forms in client/server**

systems, wherein the applications Program 12, the data and the SQL

queries reside on a client and the databases reside on a server..." **Col 6,**

Line 39-42).

<u>As per claim 22</u>:

Briscoe discloses the computer readable medium as in claim 13 above; and

further discloses the step of displaying the stored data associated with both the

business level objects and the application level objects comprises:

a. Filtering and/or aggregating the stored data responsive to a user's

query query ("**a SQL 54c-2 for storing the SQL query comprising the request,**

if the user provided an SQL query as a request, and a Sort Conditions 54c-3

for storing information provided in the request regarding how the database

results are to be sorted in responding to the request" Col 9, Line 25-30).

As per claim 23:

Briscoe discloses the computer readable medium as in claim 13 above; and

further discloses the step of displaying the stored data associated with both business

level objects and the application level objects comprises:

a. Automatically generating alerts or reports based on predetermined

criteria ("**Abstraction layer 130m+1 may perform an application program**

operation on the data, such as creating a spread-sheet or graph from the

data, making a financial projection, analyzing a set of medical tests to

propose a diagnosis on patient, and so on." Col 16, Line 36-40); and

b. Wherein the step of displaying the stored data associated with both

business level objects and the application level objects comprises:

i) Displaying, on a first display screen, one or more of the business

level objects as connected links (**see for example, FIGS 1-2, and text for**

further expand their features, Col 4-10; each of application objects

on FIG. 1 is represents a business level object, for instance, Buckets

40 and Bucket Data Objects 42 are two business level objects); and

ii) Displaying, as connected links on a second display screen when

one of the connected links on the first display screen is selected by a user,

one or more of the application level objects that are correlated with the

one or more of the business level objects (**see for example, FIGS 1-2,**

and text for further expand their features, Col 4-10; for instance, FIG.

2 describes a Bucket 40, such as Patient Bucket 40a, when selected

by a user from FIG. 1).

As per claim 24:

Briscoe discloses the computer readable medium as in claim 23 above, and

further discloses the predetermined criteria comprise:

a. one of a number of users accessing an object at any level of abstraction, a

response time for web based interaction, or a termination of a user session at a

particular point in a web based interaction (**see for example, FIG 8, items Rules 142**

and User 144).

b. The method further comprising:

i) It is inherent in Briscoe that displaying, as connected links on a third

display screen when on of the connected links on the second display screen is

selected by a user, one or more of a lower level of application level objects that

are correlated with the one or more of the application level objects displayed on

the second display screen **in order for the user to view reports, financial**

projections, analyzing a set of medical tests to propose a diagnosis on a

patient, graph from the data, and so on (see for example, FIG. 8, and text

for further expand their feature, Col 16, line 32-40).

As per claim 25:

Briscoe discloses a system for mapping and displaying process objects at

different levels of abstraction, comprising:

a. A model repository **(see FIG 1A, memory space 16)** that stores business

level objects at one level of abstraction correlated to application level objects at another

level of abstraction (**"The multi-layer abstraction bucket mechanism of the present**

invention includes a plurality of hierarchically connected abstraction layers" Col

2, line 62-63; also see FIG. 1 and FIG. 2);

b. A data conversion/storage **(see FIG. 1B, Database)** unit that associates and

stores source data with indications for both the business level objects and the

application level objects (**"each abstract layer includes a methods object for storing**

methods for operating on data and performing corresponding operations on data

received from a data bucket of a hierarchically next lower abstraction layer" Col

2, Line 64-67); and

c. A displaying unit **(see for example, FIG. 4)** that displays the stored data

associated with both the business level objects and the application level objects **(see**

for example, FIG. 4, and text, which further expand their features Col 11, line 60-

67; Col 12, line 1-43);

d. Wherein the business level objects and the application level objects are respectively stored as a plurality of nodes at different levels of abstraction (**see for example, FIGS. 1- 2, and text, which further expand their features Col 4-10; for instance, "Application Program 12 may include Patient Services Application 12A...Patient Services Applications 12A may include such applications as Patient information Application 16A, Provider Applications (Provider) 16B..." Col 4, line 34-67; each of these applications in the Application Program 12 presents a node**), with correlations between the application level objects and the business level objects being accomplished by linking one or more nodes of the application level objects to one or more nodes of the business level objects at different levels of abstraction (**see for example FIGS 1 - 2, Buckets 40 and Bucket Data Objects 42, Consider FIG 1 is business level object and FIG 2 is application level object**); and

e. Wherein the source data is linked to one or more of the plurality of nodes (**"the multi-layer abstraction bucket mechanism includes a data extraction layer connected from at least one data source for receiving data from the at least one data source..." Col 3, line 12-19**).

As per claim 26:

Briscoe discloses the system as in claim 25 above; and further discloses:

a. Wherein the model repository further stores application component level objects at another level of abstraction that are correlated to the application level objects (**see for example, FIG. 1, Bucket 40 and Bucket Data Object 42**).

As per claim 27:

Briscoe discloses the system as in claim 25 above; and further discloses wherein the source data comprises:

a. Application related data and operational data ("**data source containing data for providing access to the data bye the users and providing to the users transformations of data and of processes performed on the data" Col 2, Line 59-61**).

As per claim 28:

Briscoe discloses the system as in claim 27 above; and further discloses the application related data comprises:

a. Data collected by an application conversation tracking tool or instrumentation from an application server and the operational data comprises we session related data collected from a web server or other server related data **(see for example, FIG. 3, items 64, 66, 68, 70).**

As per claim 29:

Briscoe discloses the system as in claim 25 above; and further discloses the displaying unit comprises:

a. A configuration unit for displaying the stored data associated with both the business level objects and the application level objects by filtering and/or aggregating the stored data responsive to a user's query (**"the present**

invention can be implemented in several forms in client/server systems,

wherein the applications Program 12, the data and the SQL queries reside

on a client and the databases reside on a server..." Col 6, Line 39-42).

As per claim 30:

Briscoe discloses the system as in claim 25 above; and further discloses the

displaying unit comprises:

a. Logic for displaying stored data associated with both business level

objects and the application level objects automatically as alerts or reports based

on predetermined criteria (**"Abstraction layer 130m+1 may perform an**

application program operation on the data, such as creating a spread-sheet

or graph from the data, making a financial projection, analyzing a set of

medical tests to propose a diagnosis on patient, and so on." Col 16, Line

36-40);

As per claim 31:

Briscoe discloses a system for mapping and displaying process objects at

different levels of abstraction comprising:

a. Means for correlating business level objects to application level objects

(**"The multi-layer abstraction bucket mechanism of the present invention**

includes a plurality of hierarchically connected abstraction layers" Col 2,

line 62-63; also see FIG. 1 and FIG. 2);

b. Means for associating and storing source data with both the business level objects and the application level objects ("**each abstract layer includes a methods object for storing methods for operating on data and performing corresponding operations on data received from a data bucket of a hierarchically next lower abstraction layer**" Col 2, Line 64-67);

c. Means for displaying the stored data associated with both the business level objects and the application level objects (**see for example, FIG. 4, and text, which further expand their features Col 11, line 60-67; Col 12, line 1-43**); and

d. Wherein the business level objects and the application level objects are respectively stored as a plurality of nodes at different levels of abstraction (**see for example, FIGS. 1- 2, and text, which further expand their features Col 4-10; for instance, "Application Program 12 may include Patient Services Application 12A...Patient Services Applications 12A may include such applications as Patient information Application 16A, Provider Applications (Provider) 16B..." Col 4, line 34-67; each of these applications in the Application Program 12 presents a node**), with correlations between the application level objects and the business level objects being accomplished by linking one or more nodes of the application level objects to one or more nodes of the business level objects at different levels of abstraction (**see for example FIGS 1 - 2, Buckets 40 and Bucket Data Objects 42, Consider FIG 1 is business level object and FIG 2 is application level object**) ; and

e. Wherein the source data is linked to one or more of the plurality of

nodes ("**the multi-layer abstraction bucket mechanism includes a data**

extraction layer connected from at least one data source for receiving data

from the at least one data source..." Col 3, line 12-19).

Claim Rejections - 35 USC § 103

3.   The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

4.   Claim 8, 9, 20, and 21 are rejected under 35 U.S.C. 103(a) as being

unpatentable over Briscoe (Patent Number: US 5,920,870) in view of Bowman-Amuah

(Patent No.: US 6,289,382 B1).

<u>As per claim 8</u>:

Briscoe discloses a method as in claim 7 above; and further discloses the server

related data comprises server load data, but does not explicitly disclose the web

session data comprises response times for web-based interactions.

However, Bowman-Amuah discloses an analogous method includes the web

session data comprises response times for web-based interactions ("**The speed with**

which a user interface can respond to a user initiated request is important. This

is generally called the user interface response time and is an important attribute

of every application" Col 225, Line 36-40).

Therefore, it would have been obvious to one having ordinary skill in the art at

the time the invention was made to consider the response times for the web based

interaction. One of the skilled in the art would have been motivated to modify Briscoe's

approach to include response time because providing response time for web-based

interaction necessary to support the transaction between client server applications.

As per claim 9:

Briscoe and Bowman-Amuah disclose a method as in claim 8 above; and

Bowman-Amuah further discloses:

a. the response times for web-based interactions are correlated to

application component level objects, application level objects, and business level

objects ("**The speed with which a user interface can respond to a user**

initiated request is important. This is generally called the user interface

response time and is an important attribute of every application" Col 225,

line 36-40, user interface response time is the time that user interface

correlating data source between level objects).

As per claim 20:

Briscoe discloses a computer readable medium as in claim 19 above; and further

disclose and the server related data comprises server load data, but does not explicitly

disclose the web session data comprises response times for web based interactions.

However, Bowman-Amuah discloses an analogous method includes the web

session data comprises response times for web-based interactions (**"The speed with**

which a user interface can respond to a user initiated request is important. This

is generally called the user interface response time and is an important attribute

of every application" Col 225, Line 36-40).

Therefore, it would have been obvious to one having ordinary skill in the art at

the time the invention was made to consider the response times for the web based

interaction. One of the skilled in the art would have been motivated to modify Briscoe's

approach to include response time because providing response time for web-based

interaction necessary to support the transaction between client server applications.

As per claim 21:

Briscoe and Bowman-Amuah disclose a method as in claim 20 above; and

Bowman-Amuah further discloses:

a. Wherein the response times for web-based interactions are correlated

to application component level objects, application level objects, and business

level objects (**"The speed with which a user interface can respond to a user**

initiated request is important. This is generally called the user interface

response time and is an important attribute of every application" Col 225,

line 36-40, user interface response time is the time that user interface

correlating data source between level objects).

Response to Amendment

5.   Newly amended claims are considered and addressed above.

Conclusion

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Phillip H. Nguyen whose telephone number is (571)

270-1070. The examiner can normally be reached on Monday - Friday 10:00 AM - 3:00

PM EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Wei Y. Zhen can be reached on (571) 272-3708. The fax phone number for

the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

PN
11/25/06

Wei Zhen
Supervisory Patent Examiner

11·27·2006